

**TRANSMITTAL LETTER TO THE UNITED STATES
 DESIGNATED/ELECTED OFFICE (DO/EO/US)
 CONCERNING A FILING UNDER 35 U.S.C. 371**

ATTORNEY'S DOCKET NUMBER

13421.1002

U.S. APPLICATION NO. (if known, see 37 CFR 1.5)

INTERNATIONAL APPLICATION NO.

PCT/NZ2005/000048

INTERNATIONAL FILING DATE

17 March 2005

PRIORITY DATE CLAIMED

17 March 2004

TITLE OF INVENTION

METHODS FOR PROCESSING GENOMIC INFORMATION AND USES THEREOF

APPLICANT(S) FOR DO/EO/US

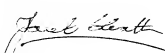
Mitch WEBSTER and Oliver HORLACHER

Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:

1. ☒ This is a **FIRST** submission of items concerning a filing under 35 U.S.C. 371.
 2. ☐ This is a **SECOND** or **SUBSEQUENT** submission of items concerning a filing under 35 U.S.C. 371.
 3. ☒ This is an express request to begin national examination procedures (35 U.S.C. 371(f)). The submission must include items (5), (6), (9) and (21) indicated below.
 4. ☒ The U.S. has been elected (Article 31).
 5. ☒ A copy of the International Application as filed (35 U.S.C. 371(c)(2))
 - a. ☐ is attached hereto (required only if not transmitted by the International Bureau).
 - b. ☒ has been communicated by the International Bureau.
 - c. ☐ is not required, as the application was filed in the United States Receiving Office (RO/US).
 6. ☐ An English language translation of the International Application as filed (35 U.S.C. 371(c)(2)).
 - a. ☐ is attached hereto.
 - b. ☐ has been previously submitted under 35 U.S.C. 154(d)(4).
 7. ☒ Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3))
 - a. ☐ are attached hereto (required only if not communicated by the International Bureau).
 - b. ☐ have been communicated by the International Bureau.
 - c. ☐ have not been made; however, the time limit for making such amendments has NOT expired.
 - d. ☒ have not been made and will not be made.
 8. ☐ An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)).
 9. ☐ An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)).
 10. ☐ An English language translation of the annexes of the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371(c)(5)).
- Items 11 to 20 below concern document(s) or information included:**
11. ☐ An Information Disclosure Statement under 37 CFR 1.97 and 1.98.
 12. ☐ An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included.
 13. ☒ A preliminary amendment.
 14. ☒ An Application Data Sheet under 37 CFR 1.76.
 15. ☐ A substitute specification (clean version and marked version to show changes made).
 16. ☐ A power of attorney and/or change address letter.
 17. ☐ A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 37 CFR 1.821 - 1.825.
 18. ☒ A second copy of the published international application under 35 U.S.C. 154(d)(4).
 19. ☐ A second copy of the English language translation of the international application under 35 U.S.C. 154(d)(4).
 20. ☐ Other items of information:
 - ☒ Formal Drawings (3 sheets, Figs. 1-3)

This collection of information is required by 37 CFR 1.414 and 1.491-1.492. The information is required to obtain or retain a benefit by the public, which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to take 15 minutes to complete, including gathering information, preparing, and submitting the completed form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Mail Stop PCT, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

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| U.S. APPLICATION NO. (if known, see 37 CFR 1.5) | | INTERNATIONAL APPLICATION NO. PCT/NZ2005/000048 | | ATTORNEY'S DOCKET NUMBER 13421.1002 | |
| The following fees have been submitted: | | | | CALCULATIONS PTO USE ONLY | |
| 21. | <input checked="" type="checkbox"/> Basic national fee (37 CFR 1.492(a)) | | | \$300.00 | \$300.00 |
| 22. | <input checked="" type="checkbox"/> Examination fee (37 CFR 1.492(c)) | | | | |
| If the written opinion prepared by ISA/US of the international preliminary examination report prepared by IPEA/US indicates all claims satisfy provisions of PCT Article 33(1)-(4) | | | | \$ 0.00 | \$200.00 |
| All other situations | | | | \$200.00 | |
| 23. | <input checked="" type="checkbox"/> Search fee (37 CFR 1.492(b)) | | | | |
| If the written opinion prepared by ISA/US of the international preliminary examination report prepared by IPEA/US indicates all claims satisfy provisions of PCT Article 33(1)-(4) | | | | \$ 0.00 | \$400.00 |
| Search fee (37 CFR 1.445(a)(2)) has been paid on the international application to the USPTO as an International Searching Authority | | | | \$100.00 | |
| International Search Report prepared by an ISA other than the US and provided to the Office or previously communicated to the US by the IB | | | | \$400.00 | |
| All other situations | | | | \$500.00 | |
| TOTAL OF 21, 22 and 23 = | | | | \$900.00 | |
| <input type="checkbox"/> Additional fee for specification and drawings filed in paper over 100 sheets (excluding sequence listing in compliance with 37 CFR 1.821(c) or (e) or computer program listing in an electronic medium) (37 CFR 1.492(j)). The fee is \$250.00 for each additional 50 sheets of paper or fraction thereof. | | | | | |
| Total Sheets | Extra Sheets | Number of each additional 50 sheets or fraction thereof (round up to a whole number) | | Total Sheets | \$ - 0 - |
| 26 - 100 = | 0 / 50 = | 0 | | 0 x \$250.00 = | |
| Surcharge of \$130.00 for furnishing the oath or declaration later than 30 months from the earliest claimed priority date (37 CFR 1.492(h)). | | | | \$ - 0 - | |
| CLAIMS | NUMBER FILED | NUMBER EXTRA | RATE | | |
| Total claims | 26-20 = | 6 | x \$ 50.00 | | \$ 300.00 |
| Independent claims | 8- 3 = | 5 | x \$200.00 | | \$ 1000.00 |
| MULTIPLE DEPENDENT CLAIM(S) (if applicable) | | | + \$360.00 | | \$ - 0 - |
| TOTAL OF ABOVE CALCULATIONS = | | | | \$ 2200.00 | |
| <input checked="" type="checkbox"/> Applicant claims small entity status. Fees above are reduced by 1/3. | | | | \$ 1100.00 | |
| SUBTOTAL = | | | | \$ 1100.00 | |
| Processing fee of \$130.00 for furnishing the English translation later than 30 months from the earliest claimed priority date (37 CFR 1.492(j)). | | | | \$ | |
| TOTAL NATIONAL FEE = | | | | \$ 1100.00 | |
| Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40.00 per property | | | | \$ | |
| TOTAL FEES ENCLOSED = | | | | \$ 1100.00 | |
| | | | | Amount to be refunded | \$ |
| | | | | Amount to be charged | \$ |
| a. | <input type="checkbox"/> A check in the amount of _____ to cover the above fees is enclosed. | | | | |
| b. | <input checked="" type="checkbox"/> Please charge my Deposit Account No. 19-3555 in the amount of \$ 1100.00 to cover the above fees. | | | | |
| c. | <input checked="" type="checkbox"/> The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. 19-3555. | | | | |
| d. | <input type="checkbox"/> Fees are to be charged to a credit card. WARNING: Information on this form may become public. Credit card information should <u>not</u> be included on this form. Provide credit card information and authorization on PTO-2038. | | | | |
| NOTE: Where an appropriate time limit under 37 CFR 1.494 or 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed and granted to restore the application to pending status. | | | | | |
| SEND ALL CORRESPONDENCE TO: | | | | | |
| Janet Sleath SPECKMAN LAW GROUP PLLC 1201 Third Avenue, Suite 330 Seattle, Washington 98101 206.382.1191 direct 206.382.2669 facsimile | | | | | |
| | | | |  Janet Sleath Registration Number 37,007 September 18, 2006 | |